

CLAIMS

1. Method for rapid dialling in a telecommunication system that requires an indication of a B-number termination to establish a connection, which system is communicating with a telephone set (POTS) without ability to indicate such termination, which method comprises the following steps:
 - a B-number is dialed using said telephone set (POTS); which method is characterized in that:
 - a B-value (719) composed of the so far dialed digits is compared with a list (MRD) of records (11,719,001877,08) stored in a database (DB) in the system;
 - conformity is found between the composed B-value (719) and a record (719) in said list (MRD), which found record points to a numeral (7) representing the total number of digits in the complete B-number;
2. Method for rapid dialling in a telecommunication system according to claim 1, which method comprises the following further steps:
 - a B-value (08) composed of the so far dialed digits is compared with a list (MRD) of records (11,719,001877,08) stored in a database (DB) in the system;
 - conformity is found between the composed B-value (08) and a record (08) in the list, which found

record points to a prefix (PX) that indicates that the so far dialed digits are to be ignored;

5 3. Method for rapid dialling in a telecommunication system according to claim 1 or 2 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station Controller (HBSC),
10 which method comprises the following further steps:

- the composed B-value is stored in the Home Base Station Controller (HBSC);
- a connection is established when a number of digits corresponding to said numeral (7) has been dialed.

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 4. Method for rapid dialling in a telecommunication system according to claim 1 or 2 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is
20 connected to the Home Base Station (HBS), which method comprises the following further steps:

- the composed B-value is stored in the Home Base Station (HBS);
- 25 - each dialled digit is transferred from the Home Base Station (HBS) to the Home Base Station Controller (HBSC) when a number of digits corresponding to said numeral (7) has been dialed;

5. Method for rapid dialling in a telecommunication system according to claim 4 which method comprises the following further steps:
- 5 - an emulated "CALL" signal is transferred from the Home Base Station (HBS) to the Home Base Station Controller (HBSC);
 - a connection is established when the emulated "CALL" signal has been received.
- 10 6. Method for rapid dialling in a telecommunication system according to claim 4 which method comprises the following further steps:
- a timer in the Home Base Station Controller (HBSC) resets/starts each time a digit is received;
 - 15 - a connection is established after the lapse of a predefined time of the timer.
- 20 7. Arrangement for rapid dialling in a telecommunication system that requires an indication of a B-number termination to establish a connection, which system is communicating with a telephone set (POTS) without ability to indicate such termination, which arrangement is characterised by:
- 25 - means for composing a B-value (719) of the so far dialed digits;
 - means for comparing the composed B-value with a list (MRD) of records (11,719,001877,08) stored in a database (DB) in the system;

- means for finding conformity between the composed B-value (719) and a record (719) in said list (MRD), which found record points to a numeral (7) representing the total number of digits in the complete B-number;

8. Arrangement for rapid dialling in a telecommunication system according to claim 1, which arrangement comprises:

- means to neglect so far dialed digits.

9. Arrangement for rapid dialling in a telecommunication system according to claim 7 or 8 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station Controller (HBSC), which arrangement further comprises:

- means to store the composed B-value in the Home Base Station Controller (HBSC);
- means to establish a connection when a number of digits corresponding to said numeral (7) has been dialed.

10. Arrangement for rapid dialling in a telecommunication system according to claim 7 or 8 whereby the telephone set (POTS) is connected to a Home Base Station (HBS) connected to a network (GSM) via a Home Base Station Controller (HBSC), whereby the database (DB) is connected to the Home Base Station (HBS), which arrangement further comprises:

- means to store the composed B-value in the Home Base Station (HBS);
- means to transfer each dialled digit from the Home Base Station (HBS) to the Home Base Station Controller (HBSC).

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11. Arrangement for rapid dialling in a telecommunication system according to claim 10 which method further comprises:

- means to transfer an emulated "CALL" signal from the Home Base Station (HBS) to the Home Base Station Controller (HBSC);
- means to establish a connection when the emulated "CALL" signal has been received.

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12. Arrangement for rapid dialling in a telecommunication system according to claim 10 which arrangement further comprises a timer in the Home Base Station Controller (HBSC) and means to establish a connection after the lapse of a predefined time of the timer.

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